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Total Number of Pages in This Submission 13

Application Number	10/689,298
Filing Date	10/20/2003
First Named Inventor	Hsiao, et al.
Art Unit	2811
Examiner Name	Paul E. Brock, II
Attorney Docket Number	184-P065D1C1

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD Remarks 1) Postcard	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Winstead Sechrest & Minick P.C.		
Signature			
Printed name	Michael P. Adams		
Date	March 3, 2005	Reg. No.	34,763

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hsiao, et al.
Assignee: Advanced Micro Devices, Inc.
Title: METHOD AND SYSTEM FOR REDUCING SHORT CHANNEL
EFFECTS IN A MEMORY DEVICE BY REDUCTION OF DRAIN
THERMAL CYCLING
Serial No.: 10/689,298 Filing Date: 10/20/2003
Examiner: Paul E. Brock, II Group Art Unit: 2811
Docket No.: 184-P065D1C1 Conf. No.: 4293

Dallas, Texas
March 3, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NON-FINAL OFFICE ACTION DATED 12/3/04

I. INTRODUCTORY COMMENTS

Dear Sir:

In response to the Non-Final Office Action mailed December 3, 2004, having a shortened statutory period expiring on March 3, 2005, Applicants respectfully request that the Examiner reconsider the rejection of remaining claims in view of the following.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the Listing of Claims, which begin on page 3 of this paper.

Remarks begin on page 7 of this paper.

Conclusion begins on page 11 of this paper.